

**Abstract:**

A composite material having a reduced weight, while its strength is improved to provide a higher damage suppressing effect. Resin layers (2, 2) are laminated on each surface of the metal layer (1) formed of a shape-memory alloy (SMA) to which a strain was imparted. And a  
5 fiber-reinforced resin layer part (3) including a plurality of fiber-reinforced resin layers (31 to 34) is laminated on each resin layer (2, 2), respectively.